

Fig. 1 (a)

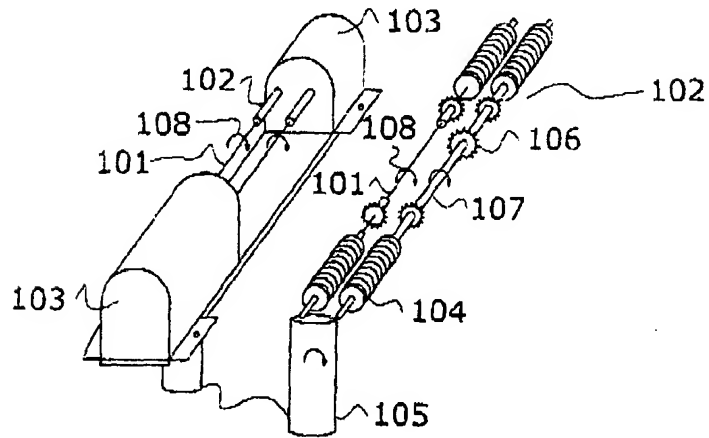
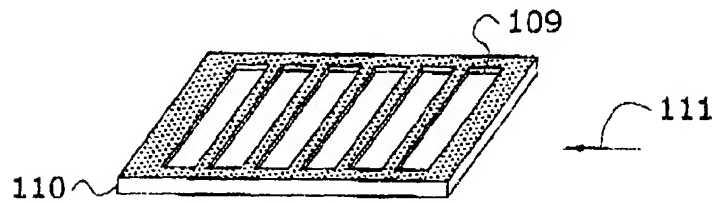
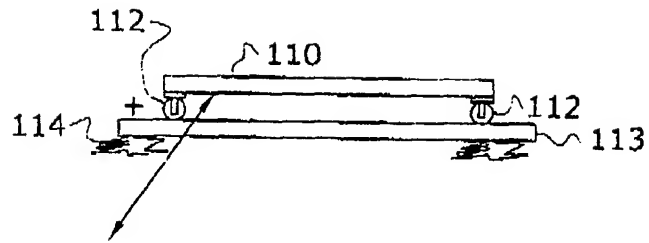


Fig. 1 (b)

10087235.022802

Fig. 2

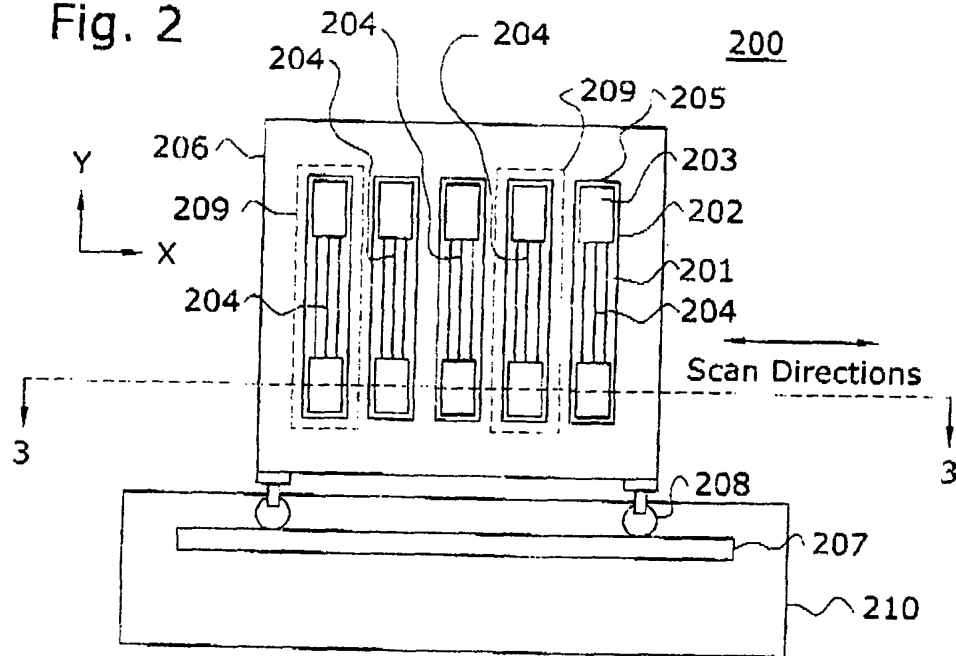
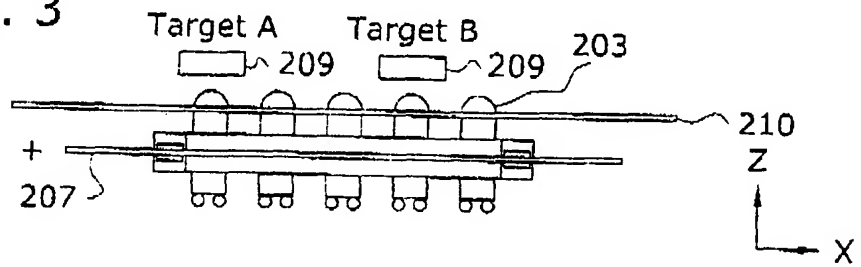
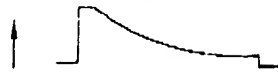


Fig. 3



3 of 6

Film Thickness



Electrical Power

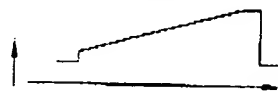


Fig. 4

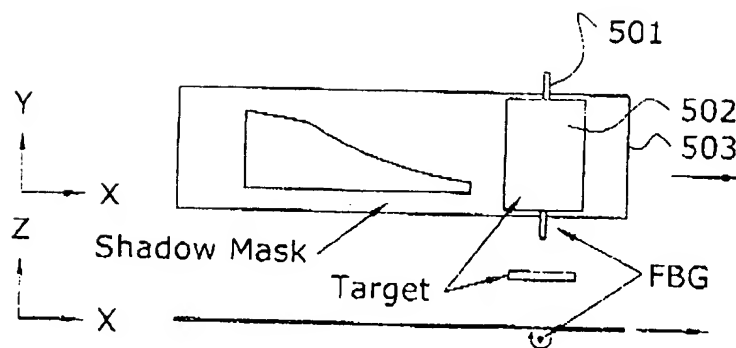


Fig. 5

10087235.022602

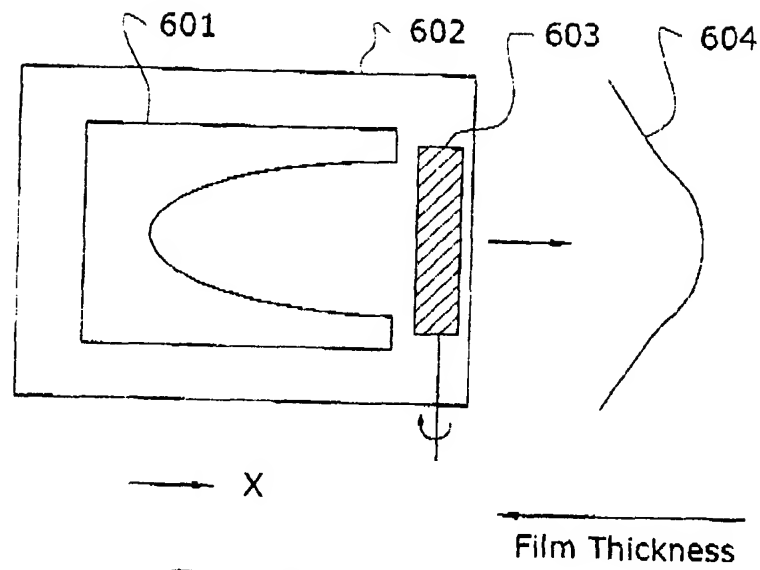


Fig. 6

	Bulk Resistivity* ($\mu\Omega \cdot \text{cm}$)	Thin Film $\Delta R/R/(^{\circ}\text{C})$		Bulk $\Delta R/R/(^{\circ}\text{C})$	$\text{TCR}_{\text{TF}} / \text{TCR}_{\text{bulk}}$
		Low	High		
Pt	10.6	0.0016	0.0028	0.00339	0.82
Cr	12.7	0.0001	0.0006	0.00588	0.10
Ni	7	0.0030	0.0050	0.00684	0.78
Ta	13	<0.0001	<0.0001	0.0031	0.03

Fig. 7

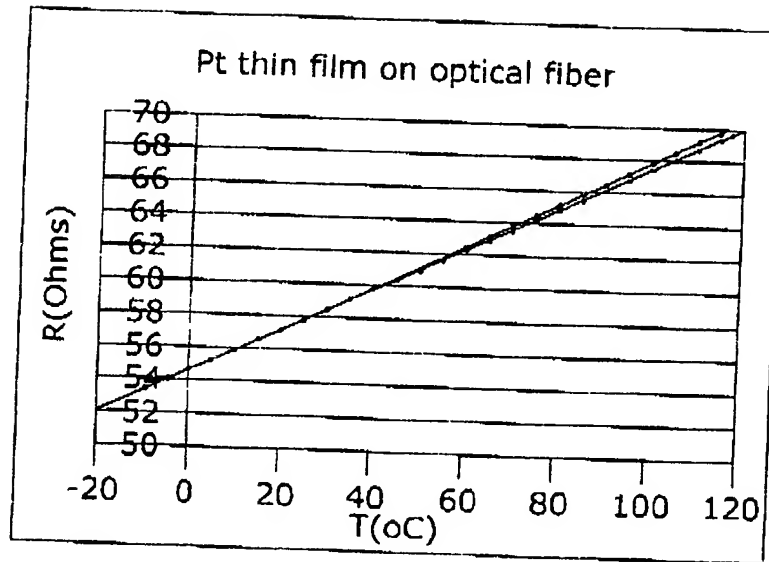


Fig. 8

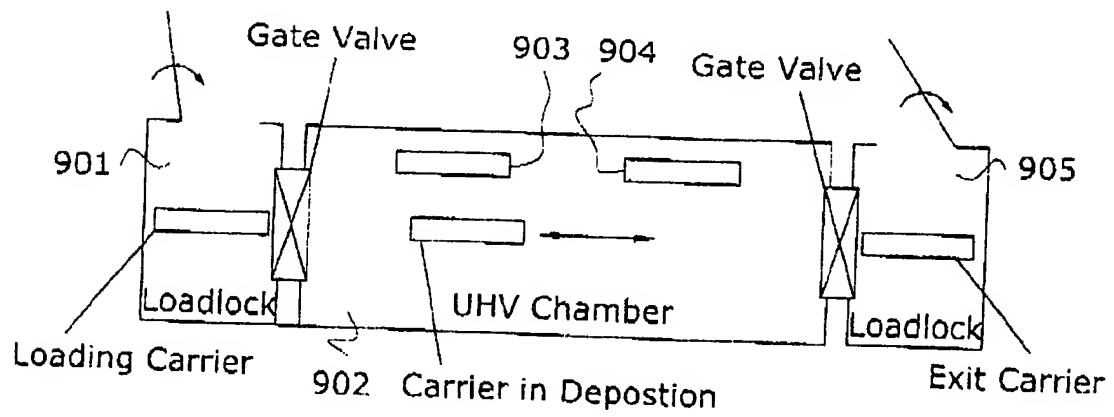


Fig. 9

The diagram shows a cross-sectional view of a carrier wheel assembly. At the bottom is a square base labeled 1101. Above it is a triangular structure labeled 1102, which contains the word "Evaporant". The top surface of the triangle is labeled 1103 and "1. Carrier (-)". A horizontal wheel, labeled 1104 and "Wheel (+)", is positioned above the triangle. The wheel is supported by two small circular components, each labeled 1105. A wavy line labeled 1106 indicates a fluid or vapor being emitted from the top of the wheel.

1103

Y

X

1. Carrier (-)

1107

3. FBG

1108

1104